INSTRUCTIONS FOR ORDERING PARTS

(PLEASE READ CAREFULLY)

Please give model number, part number and name. Give serial number and state caliber or gauge and choke. Identify parts from list, picture or exploded view. List interchangeable shotgun barrels on separate order form to speed shipment.

Cover only one subject in letter or order. Do not order parts and give repair instructions in same letter.

Please do not ship sample parts if they may be identified otherwise. See shipping instructions below.

The sale of center fire rifle barrels, bolts and receivers is restricted. Special tools and gauges are required for assembly.

Parts will be supplied for discontinued models if available. Parts cannot be supplied nor guns repaired if not listed in complete line parts list. Parts, being made to close dimensions, may require slight adjustment or fitting to assure proper function of arm.

IMPORTANT: Do not combine Part Orders with Gun Service Orders. Please send Part Orders direct to:

REMINGTON ARMS COMPANY, INC.
PARTS DEPT.
ARMS SERVICE DIVISION
Ilion, New York 13357

INSTRUCTIONS FOR FACTORY SERVICE

(PLEASE READ CAREFULLY)

Please package carefully. Use plenty of cushioning material to prevent movement of gun or parts in package. Please do not ship gun in a gun case, or special container that must be returned. Return of gun or parts will be speeded if properly packaged in a throw—away carton. Clearly mark forwarding and return address on gun package as well as on attached letter.

Securely attach complete letter of information on outside of each package returned to factory for repairs. Please do not return gun accessories such as sling straps, quick release swivels, special boots, covers, telescopes, mounts or any special equipment to factory with gun shipment. Give full details of contents. State if complete gun or part. List model number, part number and name, serial number and caliber or gauge. Give full condition of contents — any parts missing or damaged, etc. This will enable us to accurately list needed repairs.

Do not order parts and give repair instructions in same letter. To avoid delay in starting work, please include in first order or letter the trouble to be corrected, changes desired or parts to be replaced. If an estimate is required please advise. Otherwise work will proceed and a statement of cost will be sent. This will speed service.

Unless specified otherwise, shipments will be made by way of Parcel Post on small packages, Express on larger packages. Remington gun parts are not interchangeable with those of any other make. For this reason the Remington Arms Company, Inc., cannot service any gun not of its manufacture.

Repairs will be made on discontinued models as long as supply of parts is available. However, repairs cannot be made for models which are not listed in Complete Line Parts Lists.

IMPORTANT: IT IS A FEDERAL OFFENSE TO SHIP FIREARMS AND AMMUNITION TOGETHER. BEFORE PACKAGING FIREARMS FOR RETURN TO FACTORY, ALL LIVE AMMUNITION SHOULD BE REMOVED.

If live ammunition is included in package, shipment cannot be made by Insured Mail. All other shipments may be made by Insured Mail, Please send repairs direct to:

REMINGTON ARMS COMPANY, INC.
ARMS SERVICE DIVISION
Ilion, New York 13357

IMPORTANT — Remington firearms are designed, manufactured and proof tested to standards based on factory loaded ammunition. Improperly loaded handloads can be dangerous. Remington Arms Company, Inc. cannot assume responsibility for damages or injury caused by handloads or reloaded ammunition.

This gun has been manufactured to Remington specifications and shipped from the factory suitable for use. Remington does not recommend and is not responsible for any alteration or modification to the gun not made by Remington factory personnel, nor the replacement of worn or damaged parts with those not of Remington manufacture.

Printed in U.S.A.

Form RD 5390
Rev. 1275

Model 742 Automatic Rifle Owner's Manual

Remington®

MODEL 742
AUTOMATIC RIFLE OR CARBINE

"Woodsmaster"®

Your New "WOODSMASTER" Model 742 is the latest in Remington's line of outstanding automatic high power rifles. This gas-operated rifle is designed for rugged hunting use, and built to Remington's rigid standards, using quality materials. Two (2) grades are supplied...Standard and BDL "Custom Deluxe." Standard grade lists both rifle and carbine length models. A five (5) shot capacity is available in both models, counting four (4) cartridges in detachable clip magazine and one (1) in barrel chamber. Extra clips can be ordered. A step receiver styling design for the BDL provides level-line sighting from stock to sights. Front and rear sights are removable on all grades for additional telescope mounting sight requirements. Barrel screw holes may then be filled with receiver plug screws removed from receiver. The American walnut stock features a cheekpiece and Monte Carlo comb on the BDL grade. For left hand shooters, a cheekpiece and left hand safety are available in the BDL. In both grades, the form fitting pistol grip has been accentuated with a black cap and white spacer. A black fore-end tip and white spacer are also standard items on the fore-ends of both grades. Custom checkering has been applied to the stock and fore-end. An attractive basket weave pattern highlights the BDL grade while a neat "skip line" design is offered in the standard. The tough Du Pont RK-W wood finish adds a lustrous quality to both grades.

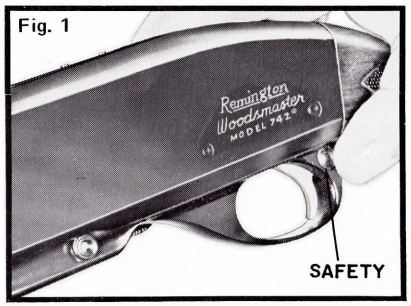


Fig. 1

IMPORTANT– Remove all oil or grease from barrel bore and cartridge chamber in breech of barrel before firing.

TO PLACE ON SAFE (Fig. 1) – Push safety from left to right (right to left on left hand BDL grade). **RED** band marking on safety will not show when on safe.

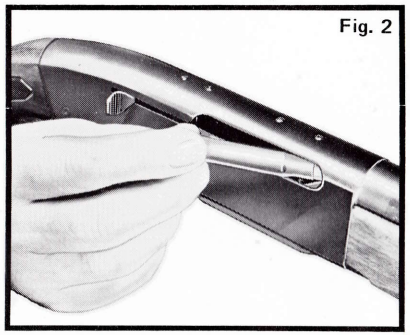


Fig. 2

TO LOAD RIFLE – Point muzzle in safe direction before loading or unloading rifle. Push safety to ON SAFE position. Pull operating handle fully rearward until bolt is held open by magazine follower. Place cartridge fully into chamber **(Fig. 2).** Grasp operating handle securely. Push bolt release **(Fig. 3)** and allow action to close slowly. Make sure bolt is fully closed. Press magazine latch and pull magazine from rifle. **(Fig. 4).** Load magazine and replace into rifle. Make sure magazine is fully latched into place. This procedure permits loading maximum number of cartridges.

TO FIRE – RED band marking on safety will show when safety is pushed across to **FIRE** position.

UNLOAD RIFLE – Place rifle **ON SAFE.** Remove magazine and slide out live cartridges. Replace magazine and pull back operating handle to pull any live cartridge from barrel chamber. Make certain chamber and magazine are empty before closing action.

CLEANING AND CARE – Unscrew fore-end screw and remove fore-end. Clean all action parts with an evaporating solvent. The gas tube is self cleaning and seldom needs special attention. However, if cleaning is desired it is easily done. Place empty magazine into rifle and pull back operating handle to lock action open. Unscrew and remove orifice screw from bottom of barrel lug and remove orifice ball. This may be accomplished by tapping on side of barrel lug with a plastic hammer. Should ball become difficult to remove due to corrosion, soak with a penetrating oil. Dry and reassemble. No lubrication is recommended unless rifle is to be stored for an extended period of time. Screw fore-end firmly to receiver.

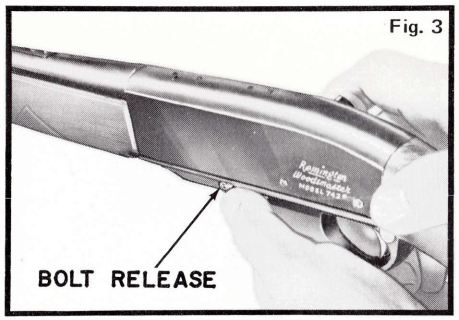


Fig. 3

CARTRIDGE CHAMBER in breech and rifle bore must always be clean. Use chamber brush supplied with each new rifle. Chamber cleaning can be done through ejection port of receiver **(Fig. 5).** Use chamber brush with solvent and wipe clean with cloth patch. Remove and clean trigger plate assembly as unit. No further takedown of assembly is necessary. Brush with solvent, allow to dry, and re-oil sparingly. In reassembling trigger plate mechanism, always be sure that end of disconnector is below end of connector, left. Otherwise, rifle will not function properly. When rifle is returned to warm room temperature after cold weather use, moisture may form on interior as well as exterior metal surfaces. To remove this moisture wipe barrel bore, barrel chamber, and all breech and action parts and then re-oil sparingly. Also give exterior surfaces of receiver and barrel attention after hunting. Fingerprints tend to form rust unless wiped away. To remove prints wipe all metal surfaces with an oiled cloth. Proper care after handling and hunting will insure long life and keep your Remington "Woodsmaster" in good shooting condition.

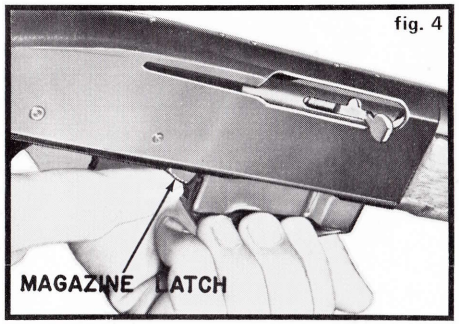


fig. 4

SIGHT ADJUSTMENT – Factory sights on Remington high power rifles are targeted at 100 yards and carefully adjusted at factory for average shooters. If your rifle does not appear to shoot accurately it does not necessarily mean that sights are improperly aligned. Individual differences in eyesight or method of shooting may require sight realignment. Make sure that adjustable dovetail front sight (where supplied) is centered on barrel. Before attempting to realign sights it should be realized that the greater the group size the more difficult it becomes to determine where rifle is shooting (center of impact). A consistent method of holding rifle, aiming and squeezing trigger will aid in obtaining a small group size. Different sight settings are required for each cartridge type, bullet type and weight, barrel length, each range and wind condition and, most likely, each individual shooter. To test rifle for accuracy place large target in safe area at desired range. (Before testing at a longer range it is advisable to fire a few rounds at 50 yards. At this range, bullets will generally hit somewhere on target.) Shoot from a prone or sitting position giving body and elbows solid support. Fire four or five shots per group, using ammunition with which you plan to hunt. Shoot carefully and deliberately. If groups are at desired point, sights are correctly adjusted. If not, you should adjust sights. Loosen elevation screw. If shots are too high, lower rear sight. If shots are too low, rear sight should be raised. If rifle shoots left, loosen windage screw and move rear sight aperture to right. Should rifle shoot to right, move aperture to left. Always move rear sight in direction you want rifle to shoot. Information about trajectory or ballistics of your favorite load may be found in the Remington Firearms and Ammunition Catalog. A free copy may be obtained from Remington dealers or by writing to Remington Arms Co., Inc., 939 Barnum Ave., Bridgeport, Conn. 06600.

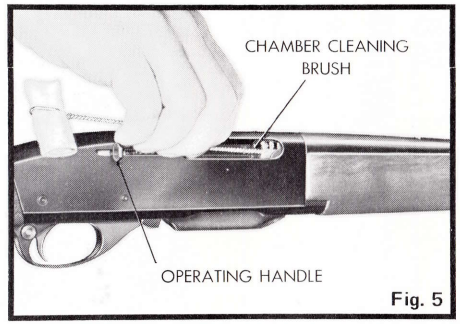


Fig. 5

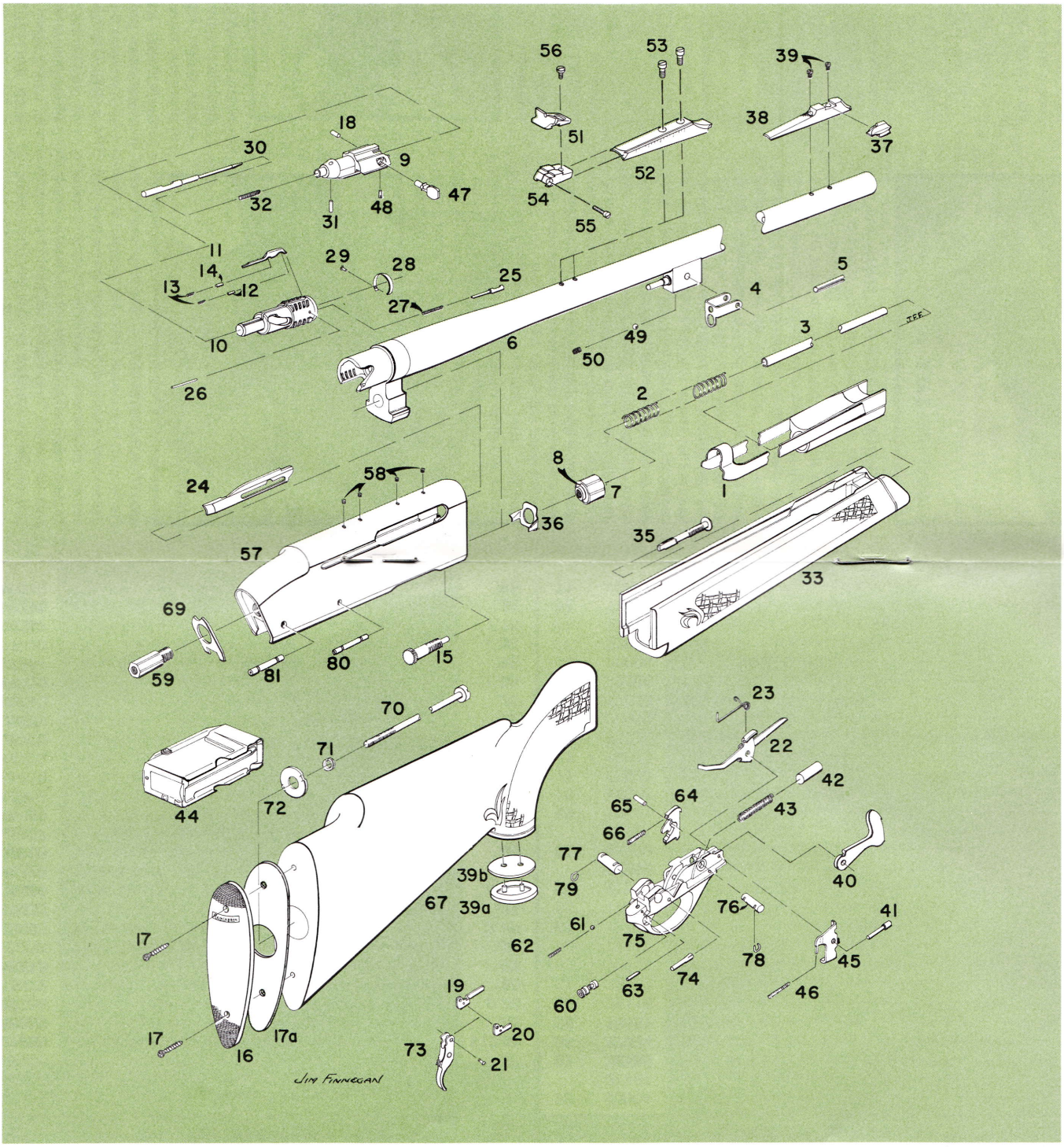
MAINTENANCE – Rifle should be checked periodically by a competent gunsmith to ensure proper inspection and any necessary replacement of worn or damaged parts.

SHOOTING GLASSES – Smart shooters always wear good, impact resistant glasses to protect eyes against ricochet, possible powder blowback or branch and twig whiplash. Green or gray lenses keep eyes fresh on glary days while yellow lenses aid in spotting game in dim or fading light.

EAR PROTECTION – Proper ear protection in the form of ear plugs or hearing guards should be worn whenever practical.

"Woodsmaster" is Trademark Reg. in U.S. Pat. Off. by Remington Arms Company, Inc., Bridgeport 2, Conn.

MODEL 742
AUTOMATIC RIFLE
OR
CARBINE



Send all guns for factory service and inquiries on service and parts to

REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York 13357

All other inquiries are to be addressed to

REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut 06602

For instructions on how to dress, ship and deliciously cook wild game, send for the Remington "Wild Game" Cookbook $2.95—Remington Sportsmen's Library, P.O. Box 432, Bridgeport, Connecticut 06601.

MODEL 742 — AUTOMATIC RIFLE OR CARBINE — PARTS LIST

NOTE: Prices for barrels and bolts will be quoted upon application. Factory assembly required.

SEE INSTRUCTIONS FOR ORDERING PARTS

View No.	Part No.	NAME OF PART	List Price
NOTE:		**Basic 30-06 caliber listed below. For other caliber parts and numbers see additional calibers list.**	
1	21190	Action Bar Assembly – 30-06	$12.20
2	18332	Action Spring	.55
3	18334	Action Tube	1.30
4	16022	Action Tube Support	.55
5	18513	Action Tube Support Pin	.35
6		Barrel Assembly	
7	16998	Barrel Take Down Nut – 30-06	1.30
8	15032	Barrel Take Down Nut Washer	.35
9	25580	Bolt Carrier	9.15
10	25540	Breech Bolt Assembly	
11	16988	Bolt Latch	.80
12	15337	Bolt Latch Pivot	.50
13	16463	Bolt Latch Spring	.35
14	15003	Bolt Latch Spring Plunger	.35
15	18510	Breech Ring Bolt	.55
16	14472	Butt Plate	.50
17	25410	Butt Plate Screw	.35
17a	90571	Butt Plate Spacer	.35
18	19673	Cam Pin	.35
19	17419	Connector, Left	.55
20	17551	Connector, Right	.35
21	17420	Connector Pin	.35
22	18357	Disconnector	1.15
23	19478	Disconnector Spring	.35
24	19946	Ejector Port Cover	.50
25	16291	Ejector	.80
26	18325	Ejector Retaining Pin	.35
27	16292	Ejector Spring	.35
28	14669	Extractor	1.90
29	27340	Extractor Rivet	.35
30	18326	Firing Pin	1.90
31	18382	Firing Pin Retaining Pin	.35
32	19677	Firing Pin Retractor Spring	.35
	30495	Fore-end Assembly	17.25
33	15679	Fore-end Assembly, BDL Grade	22.80
	15020	Fore-end Bushing	1.00
	14554	Fore-end Cap	.80
	15681	Fore-end Cap Spacer	
35	15021	Fore-end Screw	1.40
	16987	Fore-end Spacer	.50
	14553	Fore-end Tip Spacer	.35
36	15034	Fore-end Spring	.35
37	23805	Front Sight	1.00
38	28511	Front Sight Ramp	2.10
39	28505	Front Sight Ramp Screw	.35
39a	15331	Grip-Cap	.50
39b	90572	Grip-Cap Spacer	.35
40	18339	Hammer	1.20
41	18455	Hammer Pin	.55
42	17465	Hammer Plunger	.50
43	19014	Hammer Spring	.35
44	21880	Magazine Assembly, 30-06	6.00
45	28003	Magazine Latch (Selected sizes)	1.20
46	18423	Magazine Latch Spring	.35
47	15000	Operating Handle	3.05
48	16989	Operating Handle Retaining Pin	.35
49	23223	Orifice Ball	.35
50	16169	Orifice Screw	.35
51	32510	Rear Sight Aperture	1.50
52	32500	Rear Sight Base	1.75
53	28505	Rear Sight Base Screw	.35
54	90905	Rear Sight Slide	2.65
55	90906	Elevation Screw	.35
56	90904	Windage Screw	$ .35
	21487	Receiver Assembly	27.60
57	28595	Receiver Assembly, BDL Grade	30.40
58	17034	Receiver Plug Screw	.35
59	18551	Receiver Stud	.50
60	25115	Safety	.55
61	23223	Safety Detent Ball	.35
62	17514	Safety Spring	.35
63	17515	Safety Spring Retaining Pin	.35
64	18750	Sear	1.30
65	17463	Sear Pin	.35
66	17518	Sear Spring	.35
	32815	Stock Assembly	25.55
67	28590	Stock Assembly, BDL Grade, R.H.	31.05
	28591	Stock Assembly, BDL Grade, L.H.	31.05
69	19621	Stock Bearing Plate	.35
70	18571	Stock Bolt	.60
71	18572	Stock Bolt Lock Washer	.35
72	18573	Stock Bolt Washer	.35
73	25370	Trigger	1.55
	20610	Trigger Assembly	2.60
74	17533	Trigger Pin	.35
75	20095	Trigger Plate, Right Hand	4.60
	20096	Trigger Plate, Left Hand	4.60
	22070	Trigger Plate Assembly, R.H.	11.40
	22071	Trigger Plate Assembly, L.H.	11.40
76	17417	Trigger Plate Pin Bushing, Front	.55
77	17541	Trigger Plate Pin Bushing, Rear	.55
78	17539	Trigger Plate Pin Detent Spring, Front	.35
79	17540	Trigger Plate Pin, Detent Spring, Rear	.35
80	20602	Trigger Plate Pin, Front	.35
81	20607	Trigger Plate Pin, Rear	.35

ADDITIONAL CALIBERS

NOTE: Part not listed same as 30-06 Caliber.

21191	Action Bar Assembly, 308 Win.	$12.20
16999	Barrel Take Down Nut, 308 Win., 6mm Rem., 243 Win.	1.30
23737	Magazine Assembly, 308 Win. (also Filler Piece)	6.00
21882	Magazine Assembly, 280 Rem.	6.00
23739	Magazine Assembly, 6mm Rem.	6.00
23740	Magazine Assembly, 243 Win.	6.00

CARBINE MODEL

(Same as standard M/742 except as listed)

	Barrel Assembly, 30-06	
	Barrel Assembly, 308 Win.	
25750	Front Sight	$ 1.00
25751	Front Sight, Low	1.00

ACCESSORIES – EXTRA COST

16935	Chamber Cleaning Brush	$ .60
31630	Sling Strap and Mountings, Comp. (Q.D.) ADL	10.50
31631	Sling Strap and Mountings, Comp. (Q.D.) BDL	10.50

PARTS AND PRICES SUBJECT TO CHANGE WITHOUT NOTICE

DELIVERIES ARE F.O.B. ILION, N. Y.